

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|--|------------------------------|------------------|---------|---------------------|
| S1 | 2 | ("4616247" "6392383").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/20 23:45 |
| S2 | 0 | sahara.in. and pin near diode | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/20 23:47 |
| S3 | 23 | sahara.in. and pin and diode | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/20 23:47 |
| S4 | 1 | sahara.in. and pin and diode and (monolithic monolithically) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/20 23:48 |
| S5 | 0 | pin near (photodiode diode) and (monolithic monolithically) and vertical and bimos and planar and slightly near dope near n- and epitaxial and (@ad< "20021112" @rlad< "20021112") | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/20 23:50 |
| S6 | 4397603 | pin near (photodiode diode) and (monolithic monolithically) (@ad< "20021112" @rlad< "20021112") | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/20 23:51 |
| S7 | 392 | pin near (photodiode diode) and (monolithic monolithically) and (@ad< "20021112" @rlad< "20021112") | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/20 23:51 |
| S8 | 330 | pin near (photodiode diode) and (monolithic monolithically) and (@ad< "20021112" @rlad< "20021112") and substrate and semiconductor | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/20 23:51 |
| S9 | 199 | pin near (photodiode diode) and (monolithic monolithically) and (@ad< "20021112" @rlad< "20021112") and substrate and semiconductor and epitaxial | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/20 23:51 |
| S10 | 30 | pin near (photodiode diode) and (monolithic monolithically) and (@ad< "20021112" @rlad< "20021112") and substrate and semiconductor and epitaxial and (back near side backside) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/20 23:51 |

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| SI1 | 1 | "4616247".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/20 23:56 |
| SI2 | 25 | pin near (photodiode diode) and (monolithic monolithically) and (@ad< "20021112" @rlad< "20021112") and substrate and semiconductor and epitaxial and (back near side backside) and n- | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/20 23:59 |
| SI3 | 30 | pin near (photodiode diode) and (monolithic monolithically) and (@ad< "20021112" @rlad< "20021112") and substrate and semiconductor and epitaxial and (back near side backside) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/21 00:09 |
| SI4 | 38 | pin near (photodiode diode) and (monolithic monolithically) and (@ad< "20021112" @rlad< "20021112") and substrate and semiconductor and (back near side backside) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/21 00:09 |
| SI5 | 8 | SI4 not SI3 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/21 00:10 |
| SI6 | 262 | (pin p-i-n) near (photodiode diode) and (monolithic monolithically) and (@ad< "20021112" @rlad< "20021112") and substrate and semiconductor and epitaxial | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/21 00:14 |
| SI7 | 277 | (pin p-i-n) near2 (photodiode diode) and (monolithic monolithically) and (@ad< "20021112" @rlad< "20021112") and substrate and semiconductor and epitaxial | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/21 00:14 |
| SI8 | 51 | (pin p-i-n) near2 (photodiode diode) and (monolithic monolithically) and (@ad< "20021112" @rlad< "20021112") and substrate and semiconductor and epitaxial and backside | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/21 00:14 |

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| S19 | 2 | (pin p-i-n) near (photodiode diode).ti. and (monolithic monolithically) and (@ad<"20021112" @rlad<"20021112") and substrate and semiconductor and epitaxial | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/21 00:19 |
| S20 | 3 | (pin p-i-n).ti. and (photodiode diode).ti. and (monolithic monolithically) and (@ad<"20021112" @rlad<"20021112") and substrate and semiconductor and epitaxial | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/21 00:21 |
| S21 | 170 | (pin p-i-n) near2 (photodiode diode) and (back near side backside) and (@ad<"20021112" @rlad<"20021112") and substrate and semiconductor and cathode and anode | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/21 00:24 |
| S22 | 63 | (pin p-i-n) near2 (photodiode diode) and (back near side backside) and (@ad<"20021112" @rlad<"20021112") and substrate and semiconductor and cathode and anode and epitaxial | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/21 00:24 |
| S23 | 4397474 | (pin p-i-n) near2 (photodiode diode) and n- near epitaxial near layer (@ad<"20021112" @rlad<"20021112") | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/21 00:32 |
| S24 | 34 | (pin p-i-n) near2 (photodiode diode) and n- near epitaxial near layer and (@ad<"20021112" @rlad<"20021112") | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/21 00:32 |
| S25 | 1 | "4616247".pn. and "16" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/21 01:54 |
| S26 | 1 | Pin near photodiode and p-near epitaxial same n- near epitaxial | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/21 01:59 |
| S27 | 0 | Pin near photodiode and p-near epitaxial same n- near epitaxial and (@ad<"20021112" @rlad<"20021112") | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/21 01:59 |
| S28 | 406 | Pin near photodiode and p near2 layer same n- near2 layer and (@ad<"20021112" @rlad<"20021112") | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/21 02:00 |

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| S29 | 122 | Pin near photodiode and i near (layer zone) and p near2 layer same n- near2 layer and (@ad<"20021112" @rlad<"20021112") | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/21 02:01 |
| S30 | 5 | Pin near photodiode and i near (layer zone) same combination same p near2 layer same n- near2 layer and (@ad<"20021112" @rlad<"20021112") | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/21 02:04 |
| S31 | 2 | Pin near photodiode and i near (layer zone) same combination same p near2 layer same n- near2 layer and (@ad<"20021112" @rlad<"20021112") and (257/458,656,e29.226.ccls.357/30) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/21 02:25 |
| S32 | 85 | Pin near photodiode and p near2 layer same n- near2 layer and (@ad<"20021112" @rlad<"20021112") and (257/458,656,e29.226.ccls.357/30) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/21 10:52 |
| S33 | 0 | photodiode and cathode and anode and substrate and (monolithic monolithically) near integrated near vertical near2 photodiode and slightly near doped near2 epitaxial near layer and (@ad<"20021112" @rlad<"20021112") | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/21 13:43 |
| S34 | 0 | photodiode and cathode and anode and substrate and (monolithic monolithically) near integrated near vertical near2 photodiode and slightly near doped and epitaxial near layer and (@ad<"20021112" @rlad<"20021112") | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/21 13:43 |
| S35 | 0 | photodiode and cathode and anode and substrate and (monolithic monolithically) near integrated near vertical near2 photodiode and slightly near doped and epitaxial and layer and (@ad<"20021112" @rlad<"20021112") | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/21 13:43 |

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| S36 | 0 | photodiode and cathode and anode and substrate and (monolithic monolithically) and vertical near2 photodiode and slightly near doped and epitaxial and layer and (@ad< "20021112" @rlad< "20021112") | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/21 13:43 |
| S37 | 0 | photodiode and cathode and anode and substrate and (monolithic monolithically) and vertical near2 photodiode and slightly near doped and epitaxial and layer and (@ad< "20021112" @rlad< "20021112") | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/21 13:44 |
| S38 | 79 | photodiode and cathode and anode and substrate and (monolithic monolithically) and vertical and doped and epitaxial and layer and (@ad< "20021112" @rlad< "20021112") | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/21 13:44 |
| S39 | 0 | photodiode and cathode and anode and substrate and (monolithic monolithically) and vertical and doped and epitaxial and layer and (@ad< "20021112" @rlad< "20021112") and "p. sup.-" and "n.sup.-" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/21 13:48 |
| S40 | 2 | "p.sup.-" and "n.sup.-" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/21 13:48 |
| S41 | 1 | photodiode and cathode and anode and substrate and (monolithic monolithically) and vertical and doped and epitaxial and layer and (@ad< "20021112" @rlad< "20021112") and lightly near doped near P-type and lightly near doped near n-type | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/21 13:50 |
| S42 | 1 | "5164813".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/21 14:00 |
| S43 | 1 | "6724018".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/21 14:26 |

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